

7 415 KINGPINLESS DUAL WHEEL SERIES CASTERS



APPLICATIONS

AGV Vehicles

Tool Carts

Ground Support Equipment

Storage Racks

Low Profile Carts

Platforms

Custom Material Handling

Towable Transportation Equipment

Workstations/Packaging

5,400 LBS. LOAD CAPACITY KINGPINLESS TYPE CASTERS

- **Raceway Design:** Patented Kinpinless single ball bearing precision machined raceway hardened to 53 Rockwell C minimum. Swivel section features a 3" diameter raceway with 1/2" ball bearings. The notched yoke is standard.
- **Finish:** Laguna Blue paint.
- **Yoke Base:** Harden C1040 steel.
- **Legs:** 3/8" formed steel. Center leg support is added for increased strength.
- **Wheels:** All wheels are 3" wide with precision bearings for minimal maintenance.
- **Axle:** 3/4" bolt, locking nut and lubrication fittings.
- Alternate or custom caster configurations available.

BRAKES OPTIONS



Poly Cam
specify P



Hand Operated Swivel Lock
specify L

To order a rigid caster, change the "S" to "R" in the model number. Dimensions shown are nominal. If precise dimensions are required, consult Acorn™. For approximate weight of our rigid casters, deduct 3.9 pounds.

All bearings are precision ball bearings with heavy-duty end caps.

MOUNTING PLATE OPTIONS

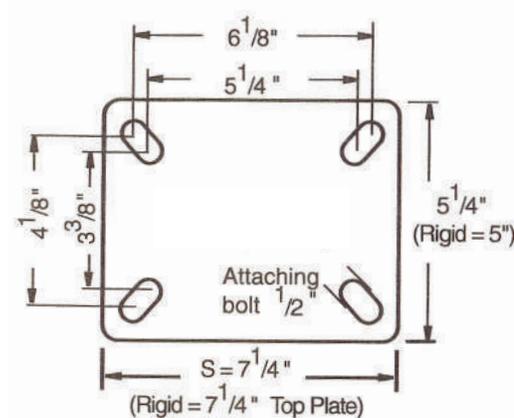
TOP PLATE:

Plate Size: 5-1/4" x 7-1/4"

Bolt Holes: 6-1/8" x 4-1/2"

Slotted: 6" x 4-1/8"

Bolt Size: 1/2"



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NY/MD WHEELS

NYLACRON™ WHEELS

- Precision Machined from Cast Polyamide Hardness 112-120 Rockwell R.
- Ultimate choice for Extremely High Load applications to replace metallic wheels.
- Offer very high abrasion resistance and very low rolling resistance under extreme loads.

- Resistant to salt, grease, alcohol and mild acids - can be used in corrosive applications with appropriate bearings.
- Precision Ball Bearings.
- Temperature Range: -40°F to +270°F.



Part Number Swivel Caster	Part Number Rigid Caster	Wheel Diameter (inch)	Tread Width (inch)	Load Capacity (lbs)	Overall Height (inch)	Swivel Lead (inch)
415S63NYMD	415R63NYMD	6	3	5400	8-1/2	2.25
415S83NYMD	415R83NYMD	8	3	5400	10-1/2	2.75
415S103NYMD	415R103NYMD	10	3	5400	12-1/2	3.38
415S123NYMD	415R123NYMD	12	3	5400	15-1/2	4.13

VX WHEELS

VULKOLLAN™ THICK TREAD WHEELS

Highest Quality Polyurethane in the World

Extremely Durable

High Load Capacity

Ergonomic - Easy to Roll

High Abrasion Resistance

FEATURES

- Thickness: 1" thick polyurethane
- Wheel Face: Flat
- Finish: Orange/Brown tread on cast iron core
- Hardness: 95 Shore A
- Temperature Range: -40°F to +180°F



WHEEL OPTIONS

- Select bearing featured are recommended for standard applications. For special applications or alternate bearings consult Acorn.

Part Number Swivel Caster	Part Number Rigid Caster	Wheel Diameter (inch)	Tread Width (inch)	Load Capacity (lbs)	Overall Height (inch)	Swivel Radius (inch)
415SVX0632808	415RVX0632808	6	3	3000	7-1/2	5-1/2
415SVX0832808	415RVX0832808	8	3	4000	10-1/8	6-1/2
415SVX1032808	415RVX1032808	10	3	5000	11-1/2	7-3/4

MEGALOAD™ AND VULKOLLAN™ WHEELS WITH PRECISION BALL BEARINGS AVAILABLE TO FIT THIS CASTER SERIES. SIZES 6 X 3, 8 X 3, 10 X 3 & 12 X 3.